

The Examination of Corrosion ...

H/014/60/000/011/001/002
E190/E580

the austenitic field and cooled rapidly by steam escaping through the burst, a martensitic or Widmanstätten structure. A relatively accurate reconstruction of heating and cooling history was possible by subjecting undamaged parts of the tubes to heating and interrupted cooling to various temperatures. The estimation of austenite grain size from the ferrite-network formed in rapid cooling was found especially helpful for 0.06-0.2% C steels. The alternating compressive and tensile stresses generated by cyclic heating and cooling led to (normally intercrystalline) cracking. The cracks were usually filled up with oxides. There was usually a slight general corrosion on the outer surfaces of tubes whereas oxygen-corrosion was evident on inner surfaces. The reaction produced a protective magnetite layer under 570°C but the loose wüstite formed above this temperature offered no protection. The oxide often consisted of several layers with Cu and Fe inclusions. Occasionally, corrosion of the magnetite layer was observed, usually associated with copper depositions. Since some ZnO or $\text{ZnO} \cdot \text{Fe}_2\text{O}_3$

could be found as well, it was concluded that the copper originated

Card 2/3

The Examination of Corrosion ...

H/014/60/000/011/001/002
E190/E580

from corroded brass condenser tubes. The role of Cu in the corrosion of the steel tubes is still unexplained; some tubes showing massive Cu deposits were free from corrosions, others proved that copper accelerated electrolytic corrosion. There are 27 figures, 1 table and 14 references: 4 Hungarian and 10 non-Hungarian.

ASSOCIATIONS: Általános Géptervező Iroda Anyagvizsgáló Lab.
(Materials Testing Laboratory of the General
Machine Design Bureau). (Székely);
Csepel Vas- és Fémművek Anyagvizsgáló Lab.
(Materials Testing Laboratory of the Csepel
Iron and Metal Works) (Megedus)

✓

Card 3/3

HEGEDUS, Zoltan

Some production-technological and heat-treatment defect of non-alloyed tool steels. Gep 16 no.1:14-22 Ja '62.

1. Csepel Vas- es Femmuvek, Kozponti Anyagvizsgalo.

HEGEDUS, Zoltan; KRAKLER, Laszlo

Investigation of the segregation processes which cause cracking
in the annealing of drawn aluminum bronze bars. Koh lap 95
no.5:200-204 My '62.

HEGEDUS, Zoltan

Difficulties with the investigation of slag inclusions in evaluating steel. Koh lap 95 no.6:241-247 Je '62.

HEGEDUS, Zoltan

Binding problem of the bearing lining and the bearing cup.
Koh lap 96 no. 5: Supplement: Ontode 14 no. 5: 113-119
My '63.

HEGEDUS, Zoltan

X-ray fluorescent spectrum analysis in the field of metalurgy.
Musz elet 18 no.20:15 26 S '63.

HEGEDUS, Zoltan

~~Application of X-ray fluorescence spectrum analysis in~~
metallurgy. Koh lap 96 no. 319-325 J1 '63.

HEGEDUS, Zoltan, vegyeszmernok

Properties and heat treatment problems of RO rapid steels.
Gep 16 no.12:478-482 D '64.

1. Head, Metallography Laboratory of the Central Material
Testing Division of Csepel Iron and Metalworks, Budapest.

HEGEDUS, Zoltan; KOVACS, Gyulane; WESZPREMY, Barna

Effect of heat treatment on the spectrometric and X-ray
fluorescent spectrum analysis of steels. Magy kem folyoir
70 no.12:559-561 D '64.

1. Csepel Iron and Steelworks, Budapest.

L 16635-66 EWA(d)/EMP(t) JD

ACC NR: AP6008909

SOURCE CODE: HU/0014/65/098/002/0082/0086

AUTHOR: Hegedus, Zoltan

ORG: none

TITLE: Tempering studies on R3 high-speed steel

SOURCE: Kohaszati lapok, v. 98, no. 2, 1965, 82-86

TOPIC TAGS: high speed steel, tempering, metal heat treatment, carbide

ABSTRACT: Heat-treating experiments were conducted with the high-speed steel, R3, containing 0.74% C, 17.90% W, 4.36% Cr, 0.89% V, 0.65% Mo, 0.35% Mn, 0.17% Si, 0.022% S, 0.015% P, 0.15% Co., and 0.08% Ti. Approximately 15-20% carbide precipitated during tempering and 30-35% remained in the dissolved state. The extent of carbide-dissolution and the amount of carbide precipitated could be varied by altering the duration and temperature of the tempering operation. The Cr, V, Mo, and W content of the carbide phase was also affected by the parameters of the heat-treatment. Secondary hardening is caused by MgC.

Orig. art. has: 10 figures and 6 tables. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 014

TS
Card 1/1

UDC: 669.14018.252.3:621.785.6/7

PROSZT, J., prof. (Budapest); HEGEDUS-WEIN, I., Frau (Budapest)

Colorimetric determination of carbon dioxide in small quantities in gas mixtures. Peridoc2 polytechn chem 4 no.1:1-8 '60. (ERAI 9:12)

1. Institut fur Anorganische Chemie der Technischen Universitat, Budapest.

(Carbon dioxide)

(Gases)

(Colorimetry)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300

301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400

401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600

601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700

701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800

801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900

901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100

1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200

1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300

1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400

1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500

1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600

1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700

1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800

1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900

1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100

2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200

2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300

2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400

2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500

2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600

2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 26

HEGED SI, .

Yugoslavica (1970)

Science

Dielectric-insulator. p. 174. Glasnik Matematick -
Fizicki i Astronomski, Vol. 3, 1968.

East European Accessions List, Library of Congress,
Vol. 1, no. 14 Dec. 1952. UNCLASSIFIED.

HEGELY, Gabor (Szeged)

Let us help one another. Radiotechnika 13 no.2:50 F '63.

L 64657-65 ENT(d)/ENT(1)/EPF(c)/EEC(k)-2/EPF(n)-2/T IJP(c) MW

ACCESSION NR: AT5009459

Z/0000/64/000/000/0194/0193

AUTHOR: Hegenbarth, E. ^{44, 56}

TITLE: Adiabatic vacuum calorimeter with mechanical heat switch for measuring small quantities of substances ⁶² ¹³⁷¹

SOURCE: Conference on Low Temperature Physics and Techniques, 3d, Prague, 1963. Physics and techniques of low temperatures; proceedings of the conference. Prague, Publ. House of the Czechosl. Academy of Sciences, 1964, 194-198

TOPIC TAGS: calorimeter, ²¹ cryogenics, ^{44, 56} heat measurement, heat capacity, ferroelectric material, dielectric constant, dielectric loss

ABSTRACT: The calorimeter described was intended for specific heat measurements of ferroelectric ceramics at low temperatures. The demands on the instrument were that it be suitable for use for small amounts of material (4--6 grams), that there be no desorption heat, and that it be capable of measuring other physical quantities, such as dielectric loss angle, and the electrocaloric effect. The apparatus is illustrated in Fig. 1 of the Enclosure and its construction and operation are described. The instrument was used to measure the specific heat of SrTiO₃ ceramic and the results were in good agreement with those obtained by S. S. Todd and R. E. Lorenson (J. Amer. Chem. Soc. v. 74 (1952) 2043). Measured values of the dielec-

Card 1/3

L 64657-65

ACCESSION NR: AT5009459

tric constant and loss angle of barium titanate and strontium titanate in the temperature range from 20 to 300K are also presented. "The author thanks Professor Doctor L. Bewilogua for valuable advice and suggestions." Orig. art. has: 4 figures. ^{44.55}

ASSOCIATION: Laboratory of Low Temperature Physics, German Academy of Sciences, Dresden ¹¹⁵⁸

SUBMITTED: 00

ENCL: 01

SUB CODE: TD, GP

NR REF SOV: 000

OTHER: 006

Card 2/3

L 64657-65

ACCESSION NR: AT50C9459

ENCLOSURE: 01

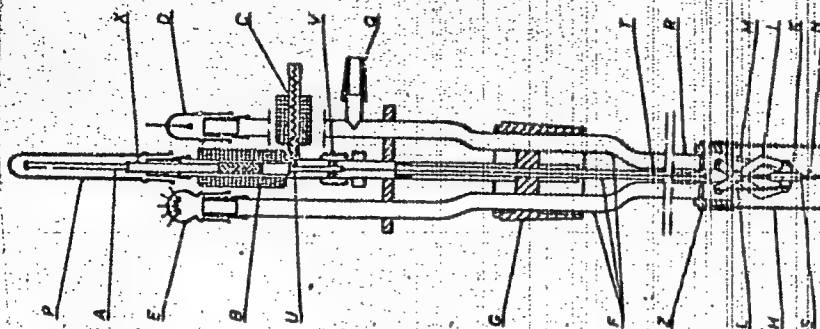


Fig. 1. Sectional view of the calorimeter. B - electromagnet, C - spring, F - tube, H - brass vessel, I - brass bow, K - disc, L - spring, M - wire, O - suspension, P - sample, U - electromagnet, V - stop, Z - cover

dm
Card 3/3

HEGER, F.; JORDAN, J.

Direct current dynamometers. p. 13. (CZECHOSLOVAK HEAVY INDUSTRY, No. 10, 1956, Prague, Czechoslovakia)

SO: Monthly List of East European Accessions(WEAL) IC, Vol. 6, No. 10, Dec 1957, Uncl.

REGUL, F. ; ORLAN, J.

Direct-current dynamometers.

P. 443. (STROJNOELEKTROTECHNICKY CASOPIS) (Bratislava, Czechoslovakia) Vol. 8,
no. 6, 1957

S0: Monthly Index of East European Accession (EEAI) IC Vol. 7, No. 5, 1958

HEGER, F.; HUDEC, M.; ORDAN, J.

"Three-phase derivative commutator-type dynamometers."

ELEKTROTECHNICKÝ CASOPIS, Bratislava, Czechoslovakia, Vol. 10, no. 1, 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 8,
August 1959

Unclassified

HEGER, F.; ZAVRTAK, M.

Single-phase and three-phase control transformers produced by the
Moravian Electric Appliance Plants in Vsetin. p. 238.

ELEKTROTECHNICKY CASOPIS, Bratislava, Czechoslovakia, Vol. 10,
No. 4, 1959.

Monthly list of East European Accessions, (EEAI) LC, Vol. 8, No. 10,
Oct. 1959.
Uncl.

HEGER, F., inz.; HOLY, M., inz.

Single-phase and three-phase automatic transformers. Energetika
Cz 12 no.4:198-202 Ap '62.

1. Slovenska vysoka skola technicka (for Heger). 2. Moravskoslezské
elektrotechnické závody - Vestín (for Holy).

HEGER, F., inz.; HOLY, M., inz.

Output and loss in the single-phase and three-phase roller autotransformers. Energetika Cz 12 no.10:529-534 0 '62.

1. Slovenska vysoka skola technicka, Bratislava (for Heger).
2. Moravskoslezske elektrotechnicke zavody, n.p., Vsetin (for Holy).

HEGER, F.

Loss on the rollers of regulating transformers. El tech cas 13
no. 3:177-182 '62.

HEGER, F.

The 2nd national conference on unidirectional machinery commutation.
Ei tech cas 13 no.4:255-256 '62.

HEGER, F.

Collecting main of Brentford control transformers. E1 tech cas 13
no.8:517-519 '62.

HEGER, Frantisek, inz.

Effect of angle deviation of rotor to stator on the current conditions of a single-phase winding transformer in auto-transformer connection. El tech cas 14 no.8:485-489 '63.

1. Katedra teoretickej a experimentalnej elektrotechniky, Slovenska vysoka skola technicka, Mytna 32/E, Bratislava.

HEGER, Frantisek, inz.

Effect of the rotor stator displacement angle on the current relations of a single-phase induction regulator in auto-transformer connection. El tech cas 14 no.9:546-559 '63.

1. Katedra teoretiskej a experimentalnej elektrotechniky, Slovenska vysoka skola technicka, Mytna 32/E, Bratislava.

L 20225-66 EWT(1) IJP(c)

ACC NR: AP6010321

SOURCE CODE: CZ/0042/65/000/003/0145/0164

AUTHOR: Heger, Frantisek (Engineer)

ORG: Department of Theoretical and Experimental Electrical Engineering, SVST,
Bratislava (Katedra teoretickej a experimentalnej elektrotechniky SVST)

TITLE: Investigation of the longitudinal resistance, capacitance and field of a
circular ring with two electrodes 21, 44, 45

SOURCE: Elektrotechnicky casopis, no. 3, 1965, 145-164

TOPIC TAGS: electric resistance, electric field, electric capacitance, electrode,
electric capacitor

ABSTRACT: By means of elliptical functions an investigation is made of a circular ring equipped with two electrodes, the inner one of which is formed by a circle with the radius r_1 and the outer one by an arc with the radius r_2 and a length given by the central angle. The resistance of the field is determined from the solution, and the possibility of determining the capacitance of a cylindrical capacitor with similarly arranged electrodes is shown. This paper was presented by M. Staffl. The author thanks Academician L'. Kneppo and Prof. Benda for valuable advice and comments. Orig. art. has: 14 figures and 33 formulas. JPRS
Card 1/1 SUB CODE:09,20 / SUBM DATE:27May64 / ORIG REF:008/OTH REF:004/SOV REF:002

L 1039-66

ACCESSION NR: AP5025939

CZ/0042/65/000/005/0265/0277

AUTHOR: Heger, Frantisek (Special assistant)

TITLE: Investigation of the cross resistance of a circular ring provided with two electrodes on the outside

SOURCE: Elektrotechnicky casopis, no. 5, 1965, 265-277

TOPIC TAGS: electric transformer, electric resistance, electric power engineering

ABSTRACT: [Author's Slovak and English summaries, modified]: The article reports on an investigation of the cross resistance of the roller of a regulating transformer, this arrangement being equivalent to a contact between the roller and two adjacent turns of the secondary winding. The solution was obtained as in a similar case in a preceding article but the values for the construction of auxiliary diagrams were obtained with a Ural-II computer. Orig. art. has: 6 figures, 25 formulas and 6 graphs.

ASSOCIATION: Katedra teoretickej a experimentalnej elektrotechniky SVST, Bratislava (Department of Theoretical and Experimental Electrical Engineering, SVST)
Card 1/2

L 1039-66

ACCESSION NR: AP5025939

SUBMITTED: 05Sep64

NR REF SOV: 003

ENCL: 00

OTHER: 007

SUB CODE: EE

JPRS

Card 2/2

HEGER, J.; KRASNEC, L.

"Syntheses of Some Derivations of Di-Biphenylene-Butadiene", P. 333
(CHEMICKE ZVESTI, Vol. 8, No. 6, June 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

HEGER, J.
CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic
Chemistry.

G-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46663

Author : L. Krasnec, J. Heger

Inst : -

Title : Contribution to the Chemistry of α , α' -Oxymethyl
Substituted Ketones and Alcohols. I. 2,2,5,5-Tetra-
(Oxymethyl)-Cyclopentanone and Some Derivatives
Thereof.

Orig Pub : Chem. zvesti, 1957, 11. No 12, 703-707

Abstract : The yield of 2,2,5,5-tetra-(oxymethyl)-cyclopentanone
(I), melting point 143° (from alcohol-acetone), rises
to 90 or 95%, if the condensation of 1 mole of cyclo-
pentanone with 4.2 moles of 40%-ual HCHO was carried
out with a gradual addition of 15 ml of 1 n. NaOH at
25 to 30° . Tetramitate of I was prepared of I by the
action of fuming HNO_3 (0 to 10°), yield 98%, melting

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920019-6
CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic
Chemistry.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46663

point 69° (from alcohol). Tetra-n-nitrobenzoate of I
was prepared by the action of 0.44 mole of $\text{n-NO}_2\text{C}_6\text{H}_4\text{-COCl}$
on 0.1 mole of I in $\text{C}_5\text{H}_5\text{N}$, yield 95%, melting
point 199° (from CH_3COOH). I treated with SOCl_2 con-
verts into 2,2',5,5'-tetra-(chloromethyl)-cyclopenta-
none, yield 60%, melting point 71.5° (from alcohol).
2,2',5,5'-tetra-(bromomethyl)-cyclopentanone (II) was
prepared by the action of 0.5 mole of PBr_3 on 0.1 mole
of I in $\text{C}_5\text{H}_5\text{N}$ (4 hours, 130°) yield 32%, melting point
 91.5° . 2,2',5,5'-tetra-(iodomethyl)-cyclopentanone is
produced by 48 hour boiling of 1.01 mole of II with
0.055 mole of KI in $\text{C}_4\text{H}_9\text{OH}$, yield 95%, melting point
 115° (from alcohol).

Card 2/2

CZECHOSLOVAKIA

DURINDA, J.; KOLETA, J.; SZUCS, L.; KRASNEC, L.; HODER, J.;
Pharmaceutical Faculty, Comenius University, and Endocrinol-
ogical Institute, Slovak Academy of Sciences (Farmaceuticka
Fakulta UK a Endokrinologicky Ustav SAV), Bratislava.

"Study of the Imphonone Inhibitors of the Suprarenal Gland
Cortex. I. Azachalcones."

Prague, Czechoslovenska Farmacie, Vol 16, No 1, Jan 67, pp 14-18

Abstract [Authors' English summary modified]: Azachalcones are
analogues of metopirone; because of this similarity an investig-
ation of their inhibitory effect on the suprarenal cortex was
studied. Experiments in vitro using rat suprarenal glands con-
firmed the inhibitory effect of azachalcones. Some of the aza-
chalcones were more effective than metopirone. 2 Tables, 37
western, 4 Czech, 1 Indian, 1 Japanese reference. (Manuscript
received 19 Jan 66).

1/1

HEGER, Jozsef

Village specialists of technology; a history of schools for
training tractorists. Mezogazd techn 1 no.3:1-3 '61.

HEGER, L.

The role of the Association of Engineers and Technicians of the Chemical Industry in the field of training technical workers for the chemical and building materials industries. Przem chem 41 no.1:49-50 Ja '62.

L 20193-66 EMP(1)/T DTAAP WH/JW/JWD/RM

ACC NR: AP6007730

SOURCE CODE: PO/0014/66/045/002/0074/0076

AUTHOR: Heger, L.

ORG: Institute of Nuclear Studies, Warsaw (Instytut Badan Jadrowych)

TITLE: Radioactive tracer method for studying the mixing of mining explosives

SOURCE: Przemysl chemiczny, v. 45, no. 2, 1966, 74-76

TOPIC TAGS: mining explosive, mixture homogeneity, radioactive tracer method

ABSTRACT: The effectiveness of a composite explosive charge depends on the degree of its homogeneity. The proposed laboratory method for determining the degree of homogeneity of an explosive mixture is based on the use of radioactive sodium ^{24}Na , which is added to the explosive mixture component in the form of $^{24}\text{NaCl}$. After mixing for a certain time at a certain speed of the mixer, a sample is taken and its radioactivity is measured at various points. The homogeneity of a mixture containing NH_4NO_3 78.0, trotyl 6.0, dinitrotoluene 1.5, NaCl 11.0, and fine sawdust 3.5% was measured after mixing for 1, 5, 15, and 20 min at 60, 80, 100, and 120 rpm. The results showed that a homogeneous mixture is obtained after 20 min of mixing at 80 rpm. The proposed method permits the selection of optimum mixing parameters and the optimum type of mixer for various explosive mixtures. Orig. art. has: 1 figure and 2 tables.

[PS]

SUB CODE: 19/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 005/ ATD PRESS: 4215

Card 1/1 - mgs

~~SECRET~~ E.A.
~~SECRET (1950-1960) CONFIDENTIAL~~

Country: Czechoslovakia

Academic Degree: /not given/

5

Address: Department of Parasitology and Infectious Diseases (Lehrstuhl fuer Parasitologie und Infektionskrankheiten, Director (Vorstand): Prof. Dr. Vaclav Dyr, and the Institute for Normal Anatomy (Institut fuer normale Anatomie), Director (Vorstand): Dozent Dr. Radim Najbrt, of the Faculty of Veterinary Medicine (Veterinaermedizinische Fakultät) of the Vysoka skola zemedelska, Brno, CSSR.

Source: Jena, Angewandte Parasitologie, Vol II, No 2, Aug 1961, pp 33-38.

Data: "Irrigation of Conjunctival Sacs in Bovine Thelaziosis".

Authors:

/ SCHANZEL, Hubert
/ HEGEROVA, Eva

HEGEWALD, W.; VASATKO, J.; GARTNER, M.

Evaluation of calculation of the yield of molasses. p. 564.
CHEMICKE ZVESTI. Bratislava. Vol. 9, no. 9, Nov. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

MARTIN, I.; BRADESCU, C.; HEGHES, A.; NEUMAN, C.

Economic aspects of the activity of the Genes and Data
Machine-tractor Stations, Banat region, during the period
1953-1962. Mec electrif agric 8 no.5:7-11 S-O '63.

HEGMEN S.
CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their H-5
Application. Water Treatment. Sewage

Abs Jour : Ref Zhur - Khim., No 24., 1958, No 82107

Author : Nosek J., Hegen S.

Inst : -

Title : Purification of Waters Effluent from Sulfur Dyeing and
Fabrics Impregnation

Orig Pub : Voda, 1956, 35, No 8, 240-245

Abstract : No abstract

Card : 1/1

HEGMEN, S.; NOSEK, J.; KREPELKA, J.

Filtration stations for waste waters from glass polishing with acid. p. 195.

SKLAR A KERAMIK. (Ministerstvo spotrebniho prumyslu) Praha, Czechoslovakia,
Vol. 9, No. 7, July 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

HEGNER, Josef

Some present problems of planning. Pod org 17 no.5:224-225
My '63.

1. Zavody V.I. Lenina, zavod Klatovy.

JARLOWSKA-KASZEWSKA, Irena; HEGNER-KUROWSKA, Anna

A case of acute porphyria with abdominal and neural manifestations.
Polski tygod. lek. 14 no.45:1990-1994 9 Nov 59.

1. (Z I Kliniki Chorob Wewnętrznych A. M. w Gdansk; kierownik: prof.
dr med. M. Gorski).
(PORPHYRIA, compl.) (RESPIRATORY TRACT, dis.)

BUBLEWSKA, Barbara; BIELAWSKI, Wlodzimierz; HEGNER-KUROWSKA, Anna

Paraproteinemic coma. Pol. arch. med. wewnet. 32 no.2:259-263 '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Gdansk Kierownik: prof. dr
med. M. Gorski.

(MYELOMA PLASMA CELL blood) (COMA) (BLOOD PROTEINS)

RET, Bohumil; HROB, Jan

Discussion on the education of foundry apprentices. Slevarenstvi
12 no.8:327-328 Ag '64

1. Zavody V.I. Lenina National Enterprise, Plzen.

HEGROSKY, A.

✓ 3657. New detection method in paper chromatography of sugars.
A. HEGROSKY, *Biochim. biophys. Acta*, 1950, 21, 180 (Lab. of the
2nd Med. Clinic, Charles Univ., Prague, Czechoslovakia). -- Ketones
on paper chromatograms may be detected by spraying with or
dipping into TCA soln. of 5-indolylacetic acid in org. solvents.
After heating to 120°, ketoses and ketose-containing saccharides
appear as intense violet spots on a pinkish background, as little
as 2 µg. being detectable. The colours are stable for some weeks.
G. D. HUNTER

L 1179-66

ACCESSION NR: AT5025201

HU/2502/64/042/004/0379/0382

AUTHOR: Liptay, Gyorgy (Doctor)(Budapest); Hegyaljai Kiss, Geza (Doctor)(Budapest);
Erdely, Laszlo (Professor, Doctor)(Budapest)

TITLE: Investigation by thermal analysis of the pyrolytic dehydrogenation of sterols

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 42, no. 4, 1964, 379-382

TOPIC TAGS: thermal analysis, pyrolysis, dehydrogenation, alcohol

Abstract: [English article] The pyrolytic decomposition of $\Delta^1,4$ -androsta-
 diene-3,17-dione and of $\Delta^1,4,6$ -androstratriene-3,17-dione was investiga-
 ted by thermal analysis employing the Orion GYEM 676 type derivatograph.
 The curves obtained indicated that the splitting temperature of the angular
 methyl group is not affected by the presence of the unsaturated B-ring and
 the first-mentioned compound pyrolyzed at a higher exothermic rate.
 Orig. art. has 4 formulas and 2 figures.

ASSOCIATION: Department of General Chemistry, Technical University, Budapest;
 Chinoiin Factory of Pharmaceutical and Chemical Products, Budapest

SUBMITTED: 12 May 64

ENCL: 00

SUB CODE: 00, GC

NO REF SOV: 000

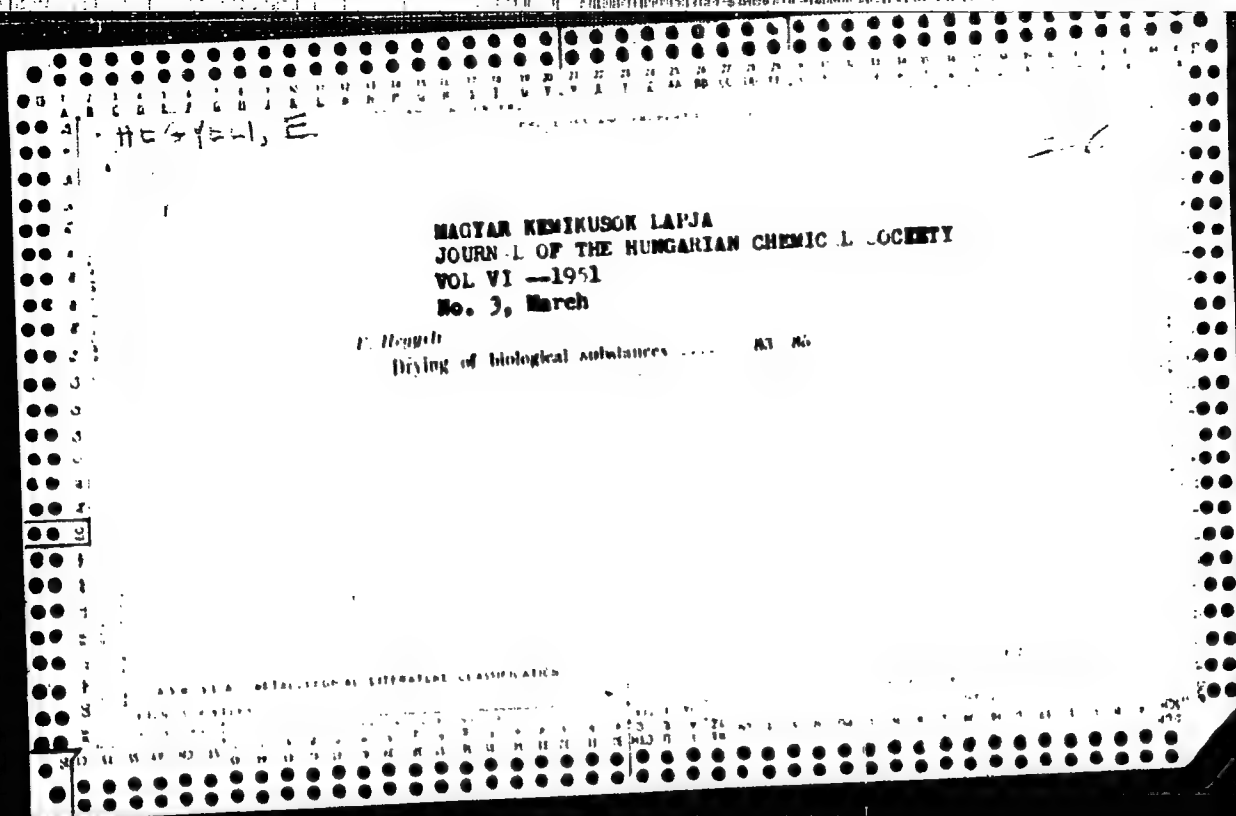
OTHER: 008

JPRS

Card 1/1

Heggy, A

✓ The adrenocorticotrophic hormone-protamine complex
 Gy. Fekete and A. Heggy (Pharmaceutical Research Inst.
 Budapest). *Experientia* 12, 224-8 (1956) (in English).
 Adrenocorticotrophic hormone (I) in chromatographic studies
 progressed together with the solvent, but protamine sulfate
 (II) appeared as a homogeneous fixed spot. When I and II
 were run simultaneously, there was a new component in the
 form of a well-defined spot. Complexes of II with the pro-
 tein types of I contained the greater part of the hormone ac-
 tivity. In complexes of II with hydrolyzed product of
 only a small part of the hormone activity was incorporated.
 Either I must be of high mol. wt. to be able to form a com-
 plex with II, or II does not directly affect I but exerts the
 complex-forming and *in vivo*-inhibiting effect by means of the
 carrier protein of I.
 D. S. Farner



COMMON ELEMENTS										PROCESS AND PROPERTIES INDEX										COMMON VARIANTS INDEX									
118										119										120									
121										122										123									
124										125										126									
127										128										129									
130										131										132									
133										134										135									
136										137										138									
139										140										141									
142										143										144									
145										146										147									
148										149										150									
151										152										153									
154										155										156									
157										158										159									
160										161										162									
163										164										165									
166										167										168									
169										170										171									
172										173										174									
175										176										177									
178										179										180									
181										182										183									
184										185										186									
187										188										189									
190										191										192									
193										194										195									
196										197										198									
199										200										201									
202										203										204									
205										206										207									
208										209										210									
211										212										213									
214										215										216									
217										218										219									
220										221										222									
223										224										225									
226										227										228									
229										230										231									
232										233										234									
235										236										237									
238										239										240									
241										242										243									
244										245										246									
247										248										249									
250										251										252									
253										254										255									
256										257										258									
259										260										261									
262										263										264									
265										266										267									
268										269										270									
271										272										273									
274										275										276									
277										278										279									
280										281										282									
283										284										285									
286										287										288									
289										290										291									
292										293										294									
295										296										297									
298										299										300									
301										302										303									
304										305										306									
307										308										309									
310										311										312									
313										314										315									
316										317										318									
319										320										321									
322										323										324									
325										326										327									
328										329										330									
331										332										333									
334										335										336									
337										338										339									
340										341										342									
343										344										345									
346										347										348									
349										350										351									
352										353										354									
355										356										357									
358										359										360									
361										362										363									
364										365										366									
367										368										369									
370										371										372									
373										374										375									
376										377										378									
379										380										381									
382										383										384									
385										386										387									
388										389										390									
391										392										393									
394										395										396									
397										398										399									
400										401										402									
403										404										405									
406										407										408									
409										410										411									
412										413										414									
415										416										417									
418										419										420									
421										422										423									
424										425										426									
427										428										429									
430										431										432									
433										434										435									
436										437										438									
439										440										441									
442										443										444									
445										446										447									
448										449										450									
451										452										453									
454										455										456									
457										458										459									
460										461										462									
463										464										465									
466										467										468									
469										470										471									
472										473										474									
475										476										477									
478										479										480									
481										482										483									
484										485										486									
487										488										489									
490										491										492									
493										494										495									
496										497										498									
499										500										501									
502										503										504									
505										506										507									
508										509										510									
511										512										513									
514										515										516									
517										518										519									
520										521										522									
523										524										525									
526										527										528									
529										530										531									
532										533										534									
535										536										537									
538										539										540									
541										542										543									
544										545										546									
547										548										549									
550										551										552									
553										554										555									
556										557										558									
559										560										561									
562										563										564									
565										566										567									
568										569										570									
571										572										573									
574										575										576									
577										578										579									
580										581										582									
583										584										585									
586										587										588									
589										590										591									
592										593										594									
595										596										597									
598										599										600									
601										602										603									
604										605										606									
607										608										609									
610										611										612									
613										614										615									
616										617										618									
619										620										621									
622										623										624									
625										626										627									
628										629										630									
631										632										633									
634										635										636									
637										638										639									
640										641										642									
643										644										645									
646										647										648									
649										650										651									
652										653										654									
655										656										657									
658										659										660									
661										662										663									
664										665										666									
667										668										669									
670										671										672									
673										674										675									
676										677										678									
679										680										681									
682										683										684									
685										686										687									
688										689										690									
691										692										693									
694										695										696									
697										698										699									
700										701										702									
703										704										705									
706										707										708									
709										710										711									
712										713										714									
715										716										717									
718										719										720									
721										722										723									
724										725										726									
727										728										729									
730										731										732									
733										734										735									
736										737										738									
739										740										741									
742										743										744									
745										746										747									
748										749										750									
751										752										753									
754										755										756									
757										758										759									
760										761										762									
763										764										765									
766										767										768									
769										770										771									
772										773										774									
775										776										777									
778										779										780									
781										782										783									
784										785										786									
787										788										789									
790										791										792									
793										794										795									
796										797										798									
799										800										801									
802										803										804									
805										806										807									
808										809										810									
811										812										813									
814										815										816									
817										818										819									
820										821										822									
823										824										825									
826										827										828									
829										830										831									
832										833										834									
835										836										837									
838										839										840									
841										842										843									
844										845										846									
847										848										849									
850										851										852									
853										854										855									
856										857										858									
859										860										861									
862										863										864									
865										866										867									
868										869										870									
871										872										873									
874										875										876									
877										878										879									
880										881										882									
883										884										885									
886										887										888									
889										890										891									
892										893										894									
895										896										897									
898										899										900									
901										902										903									
904										905										906									
907										908										909									
910										911																			

Hegyesi, J.

The relation of the proteins of the immune body to those of blood serum. János Kóves, Zoltán Hegyesi and Béla Gössy. *Közlönyek Orvostudományok Elő- Készen Kivétel* 29, 113-22(1941).—Antiserum of pig erysipelas obtained from horses was treated with 25% $(\text{NH}_4)_2\text{SO}_4$ soln. The pptd. protein contained almost no immune body. Immune body was found, however, in the fractions obtained with 30 and 35% solns. of $(\text{NH}_4)_2\text{SO}_4$. The 40% $(\text{NH}_4)_2\text{SO}_4$ fraction also contained some immune body. The 50% fraction obtained from pigs contained immune body precipitable by 25% soln.; traces were found in the 30% fraction. Most of the immune body of the antiserum for swine plague obtained from pigs was pptd. by 25 and 30% solns.

S. S. de Finálv

118

HUNGARY / Microbiology. Microorganisms Pathogenic to Humans and Animals. F-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90902

Author : Hegyeli, Z.; Surjan, J.

Inst : Not given

Title : Experiment Increasing the Quality of Anti-Erysipelas Sera Obtained from Swine and Rationalization of its Production

Orig Pub : Acta veterin. Acad. sci. hung., 1956, 6, No 2-3, 243-258
(German; res. Russ.)

Abstract : The authors have developed some theories on the selection of strains for immunization. They concluded that virulent strains are unsuitable for preliminary immunization. Use of virulent strains in the second phase of hyperimmunization is expedient only after careful testing of their antigenic properties in mice. The authors indicated that

Card 1/2

45

HUNGARY / Microbiology. Microbes, Pathogenic to Man
and Animals. General Problems. F

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19538

Author : Hegyeli, Z.; Surjan, J.

Inst : Not given

Title : Experiments in Improving the Quality of the
Anti-Erysipelas Serum from Swine and the
Efficiency of Its Products

Orig Pub : Magyar allatorv. lapja, 1956, 11, No 7, 232-236

Abstract : It was shown that there is no strict
parallelism between the virulence and
immunogenesis of the bacterial strain of
erysipelas in swine. Immunogenic strains
are found among the virulent as well as in
the non-virulent strains. But it is necessary
to determine the degree of virulence, because

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920019-6

HUNGARY / Microbiology. Microbes, Pathogenic to Man
and Animals. General Problems.

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19538

virulent strains adapt themselves to hyper-
immunization, but preliminary immunization
is better to conduct with non-virulent
strains. The strains A and B are equally
suitable for immunization. It is necessary
to avoid allergizing strains belonging
more often to type A. Non-virulent, well-
immunizable strains belong to type B. An
economical method for obtaining the serum
from swine has been developed. -- F. Gati

Card 2/2

EXCERPTA MEDICA Sec. 17 Vol. 3/4 Public Health Ann. 57

1124. HEGYESSY Gy. and BOZSÓKY S. Staatl. Inst. für Hyg., Budapest. *Untersuchungen über die Typhus-Intrakutanprobe. Investigations on the typhoid intracutaneous test ACTA MICROBIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 3/3 (253-260) Graphs 1 Tables 5

The authors have compared the intracutaneous test with the 1:10,000 dilution of the Boivin extract of typhoid bacilli on 656 healthy persons and on 546 with different mental diseases. In the first group the number of positive reactors increases with age, while in the 2nd the number of positive reactors in the different age groups are the same. At the time of the intracutaneous test the typhoid O agglutinin content was the same in both the positively and negatively reacting healthy persons. A number of persons 24 hr. after the intracutaneous test received 1.0 ml. of precipitated extract typhoid vaccine. The reactions could not be correlated with those following the intracutaneous test. It seems that in the negatively reacting group severe inoculation reactions do not occur as frequently as in the positive group.

Tolnai - Budapest (IV, 17, 20)

HEGYESSY, Gy.; BOZSOKY, S.; UHL, K.

Studies on the nature of reactions to typhoid vaccination.
Acta microb. hung. 3 no.3:261-268 1956.

1. Staatliches Institut fur Hygiene, Budapest.

(TYPHOID FEVER, immunol.

reactions to vacc. with precipitated typhoid vaccine,
increase of sensitivity by number of revacc. & advancing
age. (Ger))

(VACCINES AND VACCINATION

typhoid, precipitated vaccine, reactions to & increase of
sensitivity by number of revacc. & advancing age. (Ger))

EXCERPTA MEDICA Sec.4 Vol.10/4 Microbiology Apr 57

909. HEGYESSY G., BOZSOKY S. and SCHULEK Jr E. State Inst. of Publ. Hlth of Hungary, Budapest. *A study of the immunity against tetanus toxin following the use of a combined typhoid-tetanus vaccine BRIT.J. EXP. PATH. 1956, 37/3 (300-305) Tables 5
- The effectiveness of the tetanus component of a combined tetanus-typhoid prophylactic was compared in 2 groups of children (altogether 956 children), one of which had previously repeatedly been vaccinated against typhoid. The 2 groups showed an equal response to the tetanus anatoxin, indicating that previous repeated inoculations against typhoid had no unfavourable influence on the effectiveness of the tetanus component when combined with typhoid antigen.

Henriksen - Oslo

HRGYESSY, Gyula, dr.; BOZSOKY, Sandor, dr.; SCHULEK, Elemer, dr.

Antitetanus antitoxin immunity in connection with typhoid-tetanus vaccination. Nepegeszsegugy 37 no.7:175-178 July 56.

1. Kozlemeny az Orszagos Kozegeszsegugyi Intezetbol (foigazgato: Tako, Jozsef, dr.).

(TETANUS, immunol.

tetanus-typhoid fever vacc., eff. of previous typhoid fever vacc. on tetanus antitoxin immunity (Hun))

(TYPHOID FEVER, prev. & control

typhoid fever - tetanus vacc., eff. of previous typhoid fever vacc. on tetanus antitoxin immunity (Hun))

BOZSAKY, Sandor; HEGYESSY, Gyula; BARSY, Gyula

Typhoid immunobiological examinations in mental patients. Ideg. szemle
10 no.3:74-77 July 57.

(TYPHOID FEVER, immunol.

reactions in normal & mentally disturbed people (Hun))

(MENTAL DISORDERS

immunol. reactions after typhoid vacc. in mental patients
as compared with normal people (Hun))

HEGYESSY, Gyula; KUBINYINE SCHWANNER, Marta

Significance of differences in serological tests in the diagnosis of leptospirosis. Kiserl. orvostud. 13 no.6:583-588 D '61.

1. Országos Kozegeszsegugyi Intezet.

(LEPTOSPIROSIS diag)

KUBINYINE SCHWANNER, Marta, dr.; HEGYESSY, Gyula, dr.

Leptospiroses in Hungary in the years 1958-60. Orv.hetil. 102
no.36:1696-1699 3 S '61.

1. Orszagos Kozegeszsegugyi Intezet.

(LEPTOSPIROSIS epidemiol)

HEGYESSY, Gyula, dr.; KUBINYINE SCHWANNER, Marta, dr.

Leptospira icterohemorrhagiae infection (Weil's disease) in Hungary.
Orv. hetil. 102 no.43:2028-2031 22 0 '61.

1. Országos Kozegeszsegugyi Intezet, Budapest.

(WEIL'S DISEASE epidemiol)

HEGYESSY, Gyula, dr.; KUBINYINE SCHWANNER, Marta, dr.; AGOTA, Ferenc, dr.

Significance of the occupation in the Hungarian *Leptospira*
icterohaemorrhagiae (Weil disease) infections. Munkavedelem
8 no.1/3:31-33 '62.

1. Országos Kozegeszsegugyi Intezet; Fovarosi Kozegeszsegugyi-
Jarvanyugyi Allomas; Fovarosi Csatorna Muvek.

SZITA, J.; HEGYESSY, G.

Group and type distribution of haemolytic streptococci in Hungary during the years 1958-1963. Acta microbiol. Hung. 10 no.3:307-314 '63.

1. State Institute of Hygiene (Director: T. Bakacs), Budapest.

HUNGARY

HEGYESSY, Gyula, Dr, KUBINYI (Mrs), SCHWANNER, Marta, Dr, LAFFERS, Zoltan, Dr, BALAZS, Ersebet, Dr; National Public Health Institute (Orszagos Kozegeszsegugyi Intezet), Capital City Public Health and Medical Clinic for Contagious Diseases (Fovarosi Kozegeszsegugyi Jaryanyugyi Allomas), National Institute for Rheumatism and Palneology (Orszagos Rheuma- es Furdougyi Intezet) Department of Ophthalmology (Szemeszeti Osztaly), and Medical University of Budapest, II. Eye Clinic (Budapesti Orvostudomanyi Egyetem II. Szemeszeti Klinika).

"Eye Diseases Caused by Leptospirae in Hungary."

Budapest, Orvosi Hetilap, Vol 104, No 17, 28 Apr 63, pages 788-791.

Abstract: [Authors' Hungarian summary] During examination of 284 cases of uveitis of unknown etiology, 6 cases were found in which the anamnesis, clinical data and serological examinations pointed to leptospirae as causative agents. The authors point out that in villages, eye diseases caused by leptospirae are probably not rare. It is recommended that patients who had leptospirosis be checked by eye specialists and that cases of uveitis of unknown cause undergo serological tests for leptospirae. 4 Eastern European, 26 Western references.

1/1

HUNGARY

SEITA, Jozsef, HEGYESSY, Gyula; National Institute of Public Health (director, BAKACSI, T.) (Orszagos Kozegeszsegugyi Intezet), Budapest.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920019-6

"Type Distribution of Streptococcus Pyogenes Strains in the Years 1964-1965. Activities Within an International Survey, of the Department of Bacteriology, National Institute of Public Health, Budapest."

Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XIII, No 2, 1966, pages 151-160.

Abstract: [English article, authors' English summary modified] Between 1 Jun 64 and 1 Jun 65, in the course of a survey organized by the International Committee on Streptococci and Pneumococci, 395 Str. pyogenes strains were isolated at 11 different collecting laboratories and sent to our laboratory for serological typing. The strains fell into 26 different types; 0.8 % of the strains belonged to complexes 5, 11, 12... and 3, 13, B3264, and to types 3, 12, 1 and 6. The results were in agreement with already known data according to which there is no definite association between the different streptococcal diseases and the serotype of the causative agent, with the exception of nephritis. Five per cent of the strains were sent to Prague for checking; those which gave discrepant results at repeated typing were forwarded to Genova for final control. All isolated strains were sensitive to penicillin; 5.3 % of them were resistant to tetracycline. 3 Hungarian, 5 Western references. [Manuscript received 12 Jan 66.]

1/1

BOLBERITZ, Karoly, dr.; HEGYESSY, Laszlo

Determination of all organic substances in waters. Hidrologia

PAPP, Szilard, dr.; BOLBERITZ, Karoly, dr.; GREGACS, Margit, dr.;
HEGYESSY, Laszlo; SCHIEFNER, Kalman

Complex hygienic examination of the water in Lake Balaton.
Hidrologiai kozlony 40 no.4:304-315 Ag '60.

1. Orszagos Kozegeszsegugyi Intezet Vizugyi Osztalya.

HEGYI, Antal, okleveles konyvvizsgalo; VARGA, Mihaly, okleveles
banyamernok

Introducing the workplace prime cost calculation in the
No. III Colliery of the Oroszlany Coal Mining Enterprise.
Bany lap 97 no.4:288-293 Ap '64.

1. Oroszlany Coal Mining Enterprise, Oroszlany.

HEGYI, Arpad

Standardization questions relating to the engineering of industrial buildings. Epuletgepeszet 11 no.1:8-12 F '62.

HEGYI, E

CHMEL, L.; HEGYI, E.

Determination of skin injuries with weak solutions of alkali. Cesk.
derm. 25 no.6:211-218 June 50. (CLML 19:4)

1. Of the Dermatological Clinic in Bratislava (Head--Prof. J.Treger,
M.D.)

HLC 1 E

HEGYI, E.

Second membership meeting in Bratislava, 2 December 1949. Csek.
derm. 25 no.9:366-370 Nov 50. (CML 20:6)

HEGYI, E.; RAZUS, M.

~~Food allergy~~. Bratisl. lek. listy. 30 no.8-10:649-658 Aug-Oct
50 (CLML 20:4)

1. Of the Skin Clinic and the First Internal Clinic of Slovak
University, Bratislava.

HEGYI, E.; HORACEK, J.; LONGAUER, R.; PODPEROVA, M.

Edecylenic acid in the treatment of psoriasis and other dermatoses. Lek.listy 6 no.5:151-154 1 Mar 51. (GLML 20:6)

1. Of the Dermatological Clinic of the Slovak University, Bratislava (Head--Prof. J.Treger,M.D.) and of the Dermatological Clinic of Masaryk University in Brno (Head--Prof.A.Tryb,M.D.). Authors are M.D.'s.

CHMEL, L.; HEGYI, E.

Occupational dermatoses in medical workers. Sloven. lekar. 13 no.
10:430-435 Oct 1951. (CML 23:3)

1. Of the Dermatological Clinic (Head--Prof. J. Tregar, M. D.) of
Slovak University, Bratislava.

CHMEL, L.; HEGYI, E.

Practical considerations on group sensitization in diagnosis and prevention of allergic dermatoses. Sloven.lekar. 13 no. 11, 504-509 Nov 1951. (CML 23:3)

1. Of the Dermatological Clinic (Head--Prof. J. Treger, M. D.) of Slovak University, Bratislava.

CHMEL, L.:HEGYI, E.

Protective effect of synthetic antihistaminic drugs on Prausnitz-Kuestner reaction. Bratisl. lek. listy 32 no. 1-2:25-30 1952.
(CLML 23:5)

1. Of the Dermato-Venereological Clinic of Slovak University,
Bratislava.

HEGYI, Eugen, MUDr

Tasks of an industrial dermatologist. Cas.lek.cesk. 91 no.5:138-
142 1 Feb 52.

1. Asistent dermatologickej kliniky SU v Bratislave.
(DERMATOLOGY,
indust. dermatol. in Czech.)
(INDUSTRIAL HYGIENE,
role of dermatologist in Czech.)

HEGYI, E., HUDAKOVA, A.

Contribution to the evaluation of experimental a. antkosis
on the skin of pigs. Bratisl. lek. listy 41, no. 2: 79-83 '61

1. Dermatologická katedra Lek. Fak. Univ. Komenského v
Bratislave; (vedúci: prof. MUDr. L. Čermák) a Ústav mikrobiologickej
statistiky v Bratislave (riadiť: prim. lekár S. Esler)

*

HEGYI, E.;CHMEL, L.

Evaluation of tests for diagnosis and prevention of occupational dermatoses. Pracovni lek. 4 no.2:147-150 May 1952. (CLML 23:4)

1. Of the Dermatological Clinic of Slovak University, Bratislava.

HEGYI E.

Kozna Klin., Bratislava. *Zdravotnický význam a prevencia pyodermii. Importance of the pyodermas in public health and their prevention BRATISLAVSKÉ LEKÁRSKÉ LISTY 1953, 33/9 (859-877) Tables 8 Illus 1.

The great importance of the pyodermas in public health service is stressed and preventive measures are discussed. Stave - Prague (XIII,4)

SO: Excerpt Medica
Section XIII
Vol 9 No. 1

HEGYI, Eugen (Bratislava, Mieszkiewiczova 13/11 p.)

Protective ointments and pastes for workers. Lek. obzor 3 no.
3-4:158-166 1954.

1. Z dermato-venerologickej katedry SU v Bratislave.

(SKIN, diseases,

*occup., protective ointments & pastes)

(OCCUPATIONAL DISEASES,

*skin dis., protective ointments & pastes)

HEGYI, Eugen; PARKAS, Jan

Problems of occupational dermatoses from viewpoint of the work of the ambulatorium for industrial dermatoses. Cesk. dermat. 24 no.5:278-283 Oct 54.

1. Z poradne KUNZ pre kozne choroby z povolania v Bratislave
(SKIN, diseases
occup., prev. & control, role of ambulatorium for
indust. dermatoses)
(OCCUPATIONAL DISEASES
dermatoses, prev. & control, role of ambulatorium for
indust. dermatoses)

HEGYI, Eugen

Therapy and prevention of occupational dermatoses. Cesk. dermat.
24 no.5:290-299 Oct 54.

1. Z dermato-venerologickej katedry SU v Bratislave.
 (SKIN, diseases
 occup. prev. & control, review)
 (OCCUPATIONAL DISEASES
 dermatosis, prev. & control, review)

HEGYI, Eugen, MUDr

New method of testing occupational protective ointments. Cesk. dermat.
34 no.4:244-248 Aug 54.

1. Z dermatovenerologické katedry SU v Bratislave
(OINTMENTS
protective in indust., method of testing)
(INDUSTRIAL HYGIENE
protective ointments, method of testing)

KAROLCEK, J.; HEGYI, E.

Antibacterial and other biological effects of adhesive substances
and of plaster and natural resins in experimental conditions in vivo
and in vitro. Bratisl. lek. listy 34 no.5:484-496 May 54.

1. Z Ustavu epidemiologie a mikrobiologie, obl. ustavu v Bratislave,
riaditel' dr. J.Karolcek a z Kosnej kliniky LFSSU v Bratislave,
prednosta prof. dr. J.Treger.

(BANDAGING AND DRESSING,

adhesive plaster, antibact. properties in vivo & in vitro)

(RESINS, effects,

antibact., in vivo & in vitro)

EXCERPTA MEDICA Sec.17 Vol.4/2 Public Health, etc. Feb 58
HEGYI E.

580. OCCUPATIONAL INCIDENCE OF EPIDERMOPHYTOSIS IN WORKERS
HANDLING BROOMCORN - Profesionálny výskyt epidermofýcie pri práci
s cirokom - HEGYI E., Kúzelová K. and Lendvai O. Dermatol.
Kat. LFUK, a Poradne pre kozné chor. z povolania, a Závodnej Ambul.
Kefových Závodov, Bratislava - BRATISLAVSKE LEKARS. LISTY 1956,
36/11 (677-684) Tables 1 illus. 1

In an outbreak of corporeal epidermophytosis among workmen producing brushes
from broomcorn straw, a positive culture of epidermophyton Kaufmann-Wolf was
obtained in 3 cases. This is the first transmission reported of epidermophytosis
by broomcorn. Preventive measures were successful. (XVII, 13)

EXCERPTA MEDICA Soc 13 Vol. 11/10 Dermatology Oct 57

2139. HEGYI E. and ZATHURECKÝ L. Dermatol. Kat. Lek. Fak. Univ. Komen-
ského, Bratislava. *Komplexné hodnotenie pracovných ochranných masť.
Complex evaluation of industrial protective ointments
BRATISLAVSKÉ LEKÁRSKÉ LISTY 1957, 37/5 (257-271) Graphs 2 Illus. 8
Protective ointments were until now tested and evaluated according to different
criteria which in themselves did not give a reliable picture on how they will prove
in the working places. In the paper there is presented a proposal for complex
physical, chemical, model, clinico-experimental and biological evaluation of in-
dustrial protective ointments based on proper laboratory and clinical tests. A pro-
posal for the inclusion of these tests into the production regulations of industrial
protective ointments is presented. (XIII, 17)

HEGYI, E.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. (Part 1) Safety Technique. Sanitary Engineering. H

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 35433

Author : Hegyí, E.

Inst : ~~Not given~~

Title : Contribution to the Problem of Testing Protective Ointments

Orig Pub : Ceskosl. dermatol., 1958, 33, No 3, 148-153

Abstract : In order to evaluate the properties of protective ointments, including the characteristics of the degree of adhesion to the skin and ease of removal, an objective method of study of ointment coatings is offered. This is done with the aid of a special comparator under the action of water. A hygienic evaluation of silicon ("Kovikon", "Silikoderin", "Skopel") and other ointments is given.

Card 1/1

EXCERPTA MEDICA Sec 13/Vol 13/1 Dermatology Jan 59

2. A NEW KIND OF DOCUMENTATION IN DERMATOVENEREOLOGY,
USING CARDS WITH MARGINAL HOLES - *Nový spôsob dokumentácie v
dermatovenerológii za použitia kariet s okrajovým dierkovaním - Hegyi E.*
Liečebno-Prev. odbor Povereníctva Zdravotníctva, Bratislava - LÉK. ORZ.
1958, 7/3 (176-180) Illus. 10

HEGYI, Eugen

Current status and perspectives for the control of occupational dermatoses. Pracovni lek. 12 no.8:393-397 0'60.

(OCCUPATIONAL DERMATITIS prev & control)

HEGYI, E.; HUDAKOVA G.

Some current aspects of occupational dermatoses in Slovakia. Cesk.
derm. 36 no.7:429-438 '61.

1. Dermatovenerologicka klinika lekarskej fakulty Univerzity Komenskeho,
prednosta prof. MUDr. L. Chmel. Poradna pre kozne choroby z povolania,
ved. lekar. doc. ~~MUDr.~~ E. Hegyi Ustav pre zdravotnicku statistiku,
prednosta inz. G. Hudakova, Bratislava.

(OCCUPATIONAL DERMATITIS statist)

HEG 41, E.
CZECHOSLOVAKIA

HEGYI, E. and STORA, Ed. Clinic of Dermatology and Venereology of the Faculty of Medicine of the Comenius University at Bratislava, Head prof. L. Chmel, M.D. (Dermato-venereologické klinika Lekárskej fakulty UK v Bratislave, prednosta prof. dr. L. Chmel, Research Institute of Agrochemical Technology (Výskumný ústav agrochemickej technológie) Bratislava.

* Detection of the Allergen in Hypersensitivity to Chemical Hexachlorocyclopentadiene and its Possible Use in the Prevention of Skin Damage."

Prague, Časopis Lékařské Vědy, Vol 102, No 13, 23 Mar 63, pp 332 - 339.

Abstract (Author's English summary modified) Hexachlorocyclopentadiene causes skin exema of skin in some people. Detailed examination showed that the allergen is delta-1,1,2,3,4,5,6-hexachlorocyclopentadiene. Epidemiological analysis, production topography of the allergen made possible its practical identification. 2 Western, 2 Czech references. 1/1

CZECHOSLOVAKIA

HEGYI, E., Chair of Dermatology and Venereology of the Faculty of Medicine at the Comenius University, Head prof. L. Chmel, M.D. (Dermato-venereologická katedra lékařské fakulty UK, vedoucí prof. dr. L. Chmel), Bratislava.

"Criteria for the Occupational Character of Skin Diseases."

Prague, Pracovní Lékařství, Vol 15, No 2, March 63, pp 51 - 57.

Abstract: (Author's English summary modified): Occupational dermatoses occur frequently and show varied clinical pictures. Their diagnosis is based on clinical picture and confirmed by clinical and laboratory examinations. A comprehensive method for these examinations was developed by the author and is given in the article. Some suggestions for fighting occupational diseases in Western Slovakia are made. 3 Figures, 3 Tables, 3 Western, 13 Czech references. 1/1

HEGYI, E.: KETKA, R.

Apropos of skin damage caused by chromium compounds in work with cement. Bratisl. lek. listy 44 no.9:513-526 '64

1. Dermatovenerologicka katedra Lek. fak. Univerzity Komenského v Bratislave (veduci: prof. MUDr.L.Chmel) a Ustav hygieny prace a chorob z povolania v Bratislave (veduci MUDr. I.Klucik).

← HEGYI, E.; SINKA, L.

Contribution to a nosological classification of subcorneal
pustulous dermatosis (Sneddon-Wilkinson). Cesk. dermat. 29
no.3:176-180 My'64.

1. Dermatovenerologická klinika Lékařské fakulty UK [Uni-
versity Komenského] v Bratislavě; přednosta: prof. dr. L.
Chmel.

HEGYI, E.; ZABOJNÍKOVÁ, M.

Determination of the keratogenic effect of substances in experiments on biological material. Cesk. dermat. 29 no.3:181-184, My'64.

1. Dermatovenerologická katedra (veduci: prof. dr. L. Chmel) a katedra experimentálnej patológie a farmakológie (veduci: doc. dr. E. Barta, CSc.) Lekárskej fakulty UK [University Komenského] v Bratislave.

HEGYI, E.; ZABONIKOVA, M.; BLAVATY, P.; JANOVJAKOVA-ZVERKOVA, E.;
BIRKUBOVA, M.; HACHMAN, Z.; HODNICKY, L.

Skin damage caused by working with oils. Cesk. dermat. 40 no.2:
92-96 Apr'64.

I. Dermatovenerologická katedra (vedoucí: prof. dr. L. Chmel,
DrSc.) a katedra farmakologie (vedoucí doc. dr. V. Kovalčík,
CSc.) Lékařské fakulty University Komenského v Bratislavě.

HEGYI, E.; ZABOJNÍKOVÁ, M.

Inflammatory changes after application of p-bromophenylisothiocyanate (PBPI). Bratisl. lek. listy 45 no.4:198-205 28 F'65.

1. Dermatovenarologická katedra Lekárske fakulty Univerzity Komenského v Bratislave (vedúci člen korešp. Slovenskej akadémie ved. L. Chmel. DrSc.) a Katedra farmakológie Lekárske fakulty Univerzity Komenského v Bratislave (vedúci: doc. MUDr. V.Kovalčík, CSc.).

HEGYI, Frigyes

Appraisal and tasks of the shoe-industry standardization.
Szabvány kozl 13 no.10:225-227 0 '61.

1. Konnyuipari Miniszterium Bor- es Cipoipari Igazgatóság
muazaki csoportvezetője.

1. 1988, 1. 1. 1988

Technical and technical quality of work. For pipe in no. 4000-100
01 1988.

1. Ministry of pipe industry, Ministry; Editorial Board Center,
"Industrial Electronics."

HEGYI, Frigyes

Report on the Martfu symposium on shoe industry. Bor cipo
14 no.6:178-179 H '64.

1. Ministry of Light Industry, Budapest, and Editorial
board member, "Bor- es Cipotechnika."